# QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(Dollar Figures in Thousands)
1980 to Date

| | Cutting and Forming | | | Cutting | | | Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Shipments | | Net | Shipments | | Net | Shipments | | Net |
| Date | Total | Foreign | New Orders | Total | Foreign | New Orders | Total | Foreign | New Orders |
| 1980-1 | $1,146,150 | $115,700 | $1,517,450 | $ 881,400 | $ 86,750 | $1,207,800 | $ 264,750 | $ 28,950 | $ 309,650 |
| 2 | 1,193,300 | 155,550 | 1,335,350 | 925,350 | 122,850 | 1,142,100 | 267,950 | 32,700 | 193,250 |
| 3 | 1,049,050 | 133,850 | 917,500 | 830,450 | 102,650 | 728,300 | 218,600 | 31,200 | 189,200 |
| 4 | 1,303,250 | 202,400 | 984,000 | 1,043,600 | 162,550 | 806,550 | 259,650 | 39,850 | 177,450 |
| Total | $4,691,750 | $607,500 | $4,754,300 | $3,680,800 | $474,800 | $3,884,750 | $1,010,950 | $ 132,700 | $ 869,550 |
| 1981-1 | $1,288,200 | $210,800 | $ 920,350 | $1,017,850 | $155,600 | $ 706,600 | $ 270,350 | $ 55,200 | $ 213,750 |
| 2 | 1,167,500 | 236,350 | 867,000 | 1,103,100 | 185,450 | 661,200 | 264,100 | 50,900 | 205,800 |
| 3 | 1,133,950 | 127,950 | 593,450 | 920,300 | 99,950 | 455,250 | 213,650 | 28,000 | 138,200 |
| 4 | 1,305,950 | 143,050 | 564,050 | 1,062,950 | 111,050 | 405,050 | 243,000 | 32,000 | 159,000 |
| Total | $5,095,600 | $718,950 | $2,944,850 | $4,104,500 | $551,050 | $2,228,100 | $ 991,100 | $ 166,900 | $ 716,750 |
| 1982-1 | $1,154,200 | $112,650 | $ 506,800 | $ 933,050 | $ 71,750 | $ 384,850 | $ 221,150 | $ 40,900 | $ 121,950 |
| 2 | 1,008,450 | 96,600 | 382,650 | 810,650 | 75,350 | 274,750 | 197,800 | 21,250 | 107,900 |
| 3 | 783,400 | 107,200 | 279,950 | 640,450 | 89,750 | 183,450 | 142,950 | 17,450 | 96,500 |
| 4 | 658,350 | 89,600 | 328,350 | 510,600 | 59,300 | 221,400 | 147,750 | 30,300 | 106,950 |
| Total | $3,604,400 | $406,050 | $1,497,750 | $2,894,750 | $296,150 | $1,064,450 | $ 709,650 | $ 109,900 | $ 433,300 |
| 1983-1 | $ 487,450 | $ 56,650 | $ 314,850 | $ 370,600 | $ 40,800 | $ 224,100 | $ 116,850 | $ 15,850 | $ 90,750 |
| 2 | 469,650 | 58,300 | 399,100 | 357,500 | 49,300 | 269,300 | 112,150 | 9,000 | 129,800 |
| 3 | 357,050 | 42,900 | 468,150 | 252,350 | 32,200 | 322,200 | 104,700 | 10,700 | 145,950 |
| 4 | 530,900 | 57,150 | 514,050 | 391,050 | 49,600 | 336,050 | 139,850 | 7,550 | 178,000 |
| Total | $1,845,050 | $215,000 | $1,696,150 | $1,371,500 | $171,900 | $1,151,650 | $ 473,550 | $ 43,100 | $ 544,500 |
| 1984-1 | $ 449,500 | $ 40,550 | $ 600,450 | $ 298,100 | $ 25,100 | $ 412,750 | $ 151,400 | $ 15,450 | $ 187,700 |
| 2 | 572,300 | 50,700 | 764,400 | 401,800 | 28,250 | 499,200 | 170,500 | 22,450 | 265,200 |
| 3 | 568,850 | 41,850 | 800,200 | 401,550 | 24,300 | 493,000 | 167,300 | 17,550 | 307,200 |
| 4 | 695,200 | 60,150 | 750,750 | 505,050 | 45,000 | 510,850 | 190,150 | 15,150 | 239,900 |
| Total | $2,285,850 | $193,250 | $2,915,800 | $1,606,500 | $122,650 | $1,915,800 | $ 679,350 | $ 70,600 | $1,000,000 |
| 1985-1 | $ 531,700 | $ 48,950 | $ 728,250 | $ 357,050 | $ 37,150 | $ 528,500 | $ 174,650 | $ 11,800 | $ 199,750 |
| 2 | 586,050 | 37,700 | 641,400 | 385,000 | 27,450 | 475,700 | 201,050 | 10,250 | 165,700 |
| 3 | 654,650 | 58,250 | 558,450 | 443,050 | 35,950 | 404,750 | 211,600 | 22,300 | 153,700 |
| 4 | 772,800 | 108,850 | 600,000 | 557,150 | 93,200 | 444,150 | 215,650 | 15,650 | 155,850 |
| Total | $2,545,200 | $253,750 | $2,528,100 | $1,742,250 | $193,750 | $1,853,100 | $ 802,950 | $ 60,000 | $ 675,000 |
| 1986-1P | $ 597,700 | $ 67,500 | $ 615,900 | $ 387,000 | $ 55,200 | $ 463,300 | $ 210,700 | $ 12,300 | $ 152,600 |

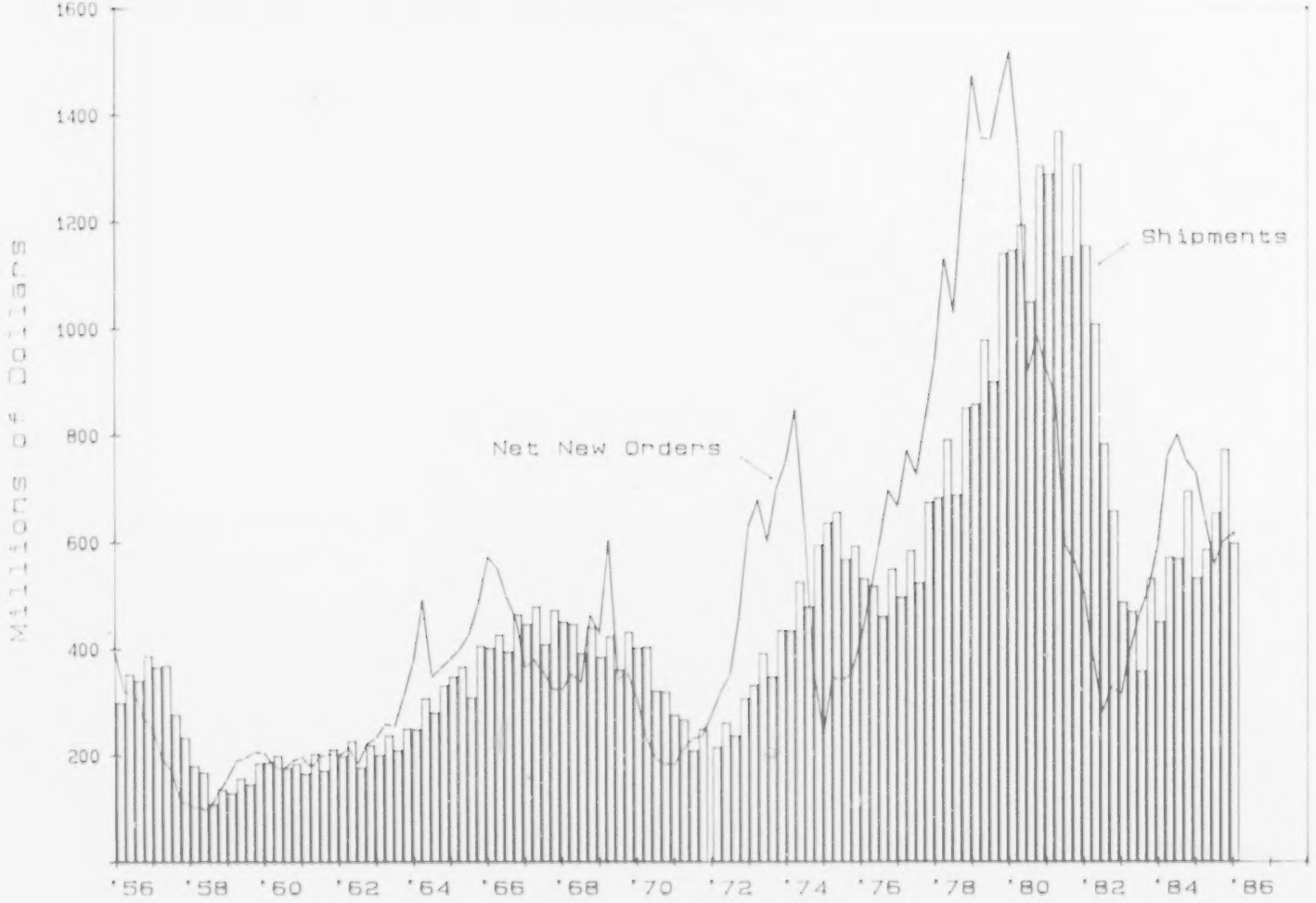
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1986, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

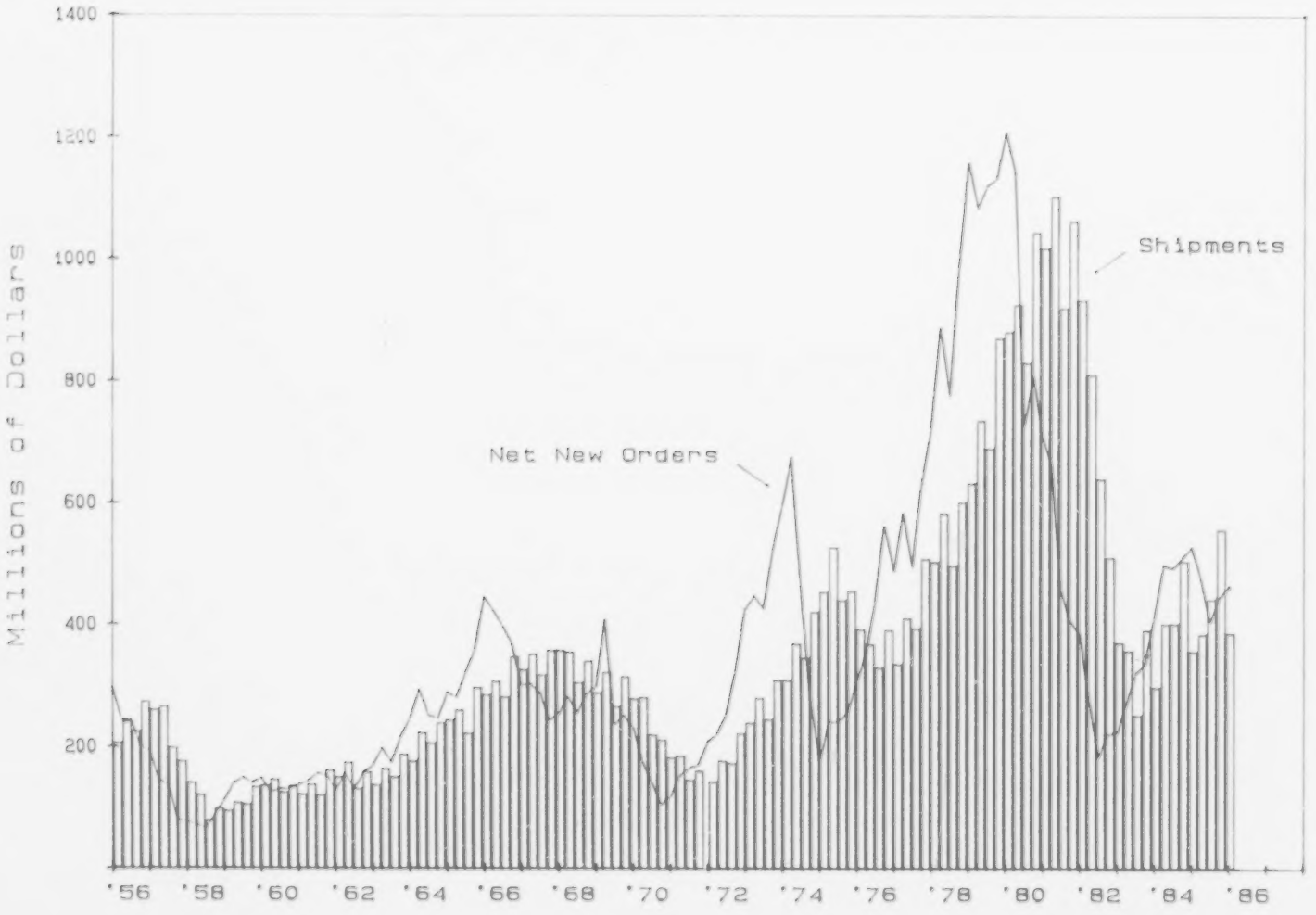
Source: National Machine Tool Builders' Association

April 28, 1986

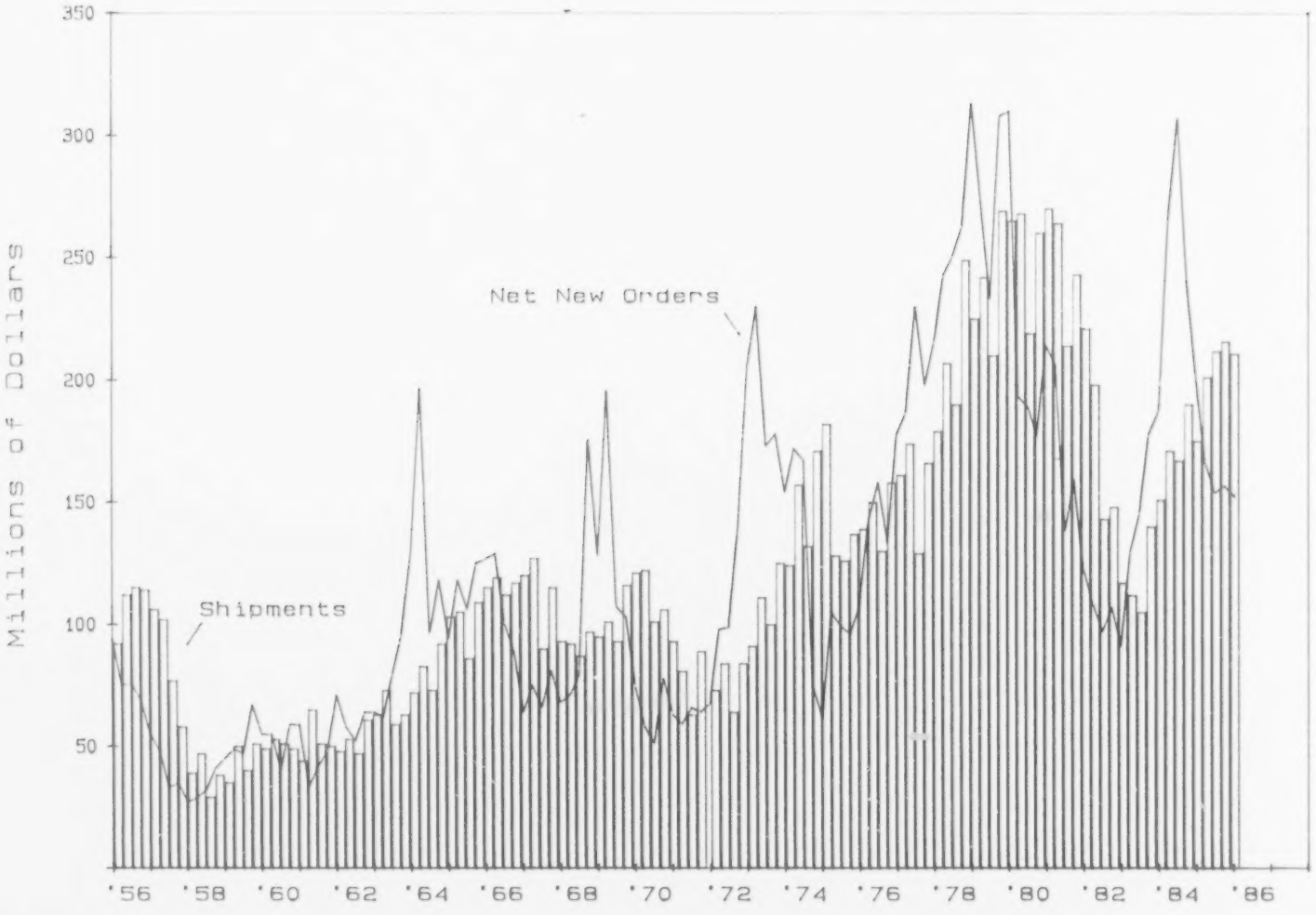
# Total Machine Tools
## Shipments (Bar) and Net New Orders (Line)
## Quarterly, 1956: 1 to 1986: 1



# Metal Cutting Machine Tools
## Shipments (Bar) and Net New Orders (Line)
## Quarterly, 1956: 1 to 1986: 1



# Metal Forming Machine Tools
## Shipments (Bar) and Net New Orders (Line)
## Quarterly, 1956: 1 to 1986: 1



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# News Release

national machine tool builders

FOR RELEASE: May 27, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS DOWN IN APRIL

New metalworking orders for April fell to $193.45 million, down 9.9% from the $214.60 million posted in March, the National Machine Tool Builders' Association reported today. Orders for metal cutting machinery fell 14.8% to $136.25 million from $159.90 million. Metal forming orders rose 4.6% to $57.20 million from $54.70 million.

Comparing April 1986 to April 1985, metal cutting orders rose 11.6%, while metal forming orders fell 6.8%, resulting in a net order gain of 5.4% over the same month a year ago. However, year-to-date figures for 1986 compared to last year show an across-the-board drop, with metal cutting down 7.8% and metal forming down 19.8%, resulting in a combined loss of 11.2%.

On a hopeful note, NMTBA President James A. Gray observed that, "Perhaps, finally, the long, long wait on tax legislation will soon be over. With the sweeping new proposals offered by Senator Packwood, we are encouraged in our hope that decisions will be made and some definition of future tax policy will be forthcoming. Manufacturers finally will have the information they need to plan their investments."

(more)

INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

Total cutting and forming shipments fell by 15.6% in April, dropping to $210.10. April metal cutting shipments fell to $152.90 million, a 10.9% drop. Metal forming shipments fell by 26.0%, down to $57.20 million for the month. Year-to-date combined shipments showed a 15.1% rise over the same term a year ago, with metal cutting up 17.3% and metal forming up 10.9%.

Metal cutting backlogs were down to $1,303.20 million, a drop of $16.65 million for the month. The metal forming backlog remained the same as in March at $356.15 million. The April combined metal cutting and metal forming backlog figure has dropped to $1,659.35 million.

# # # # #

## COMPARISON CHART

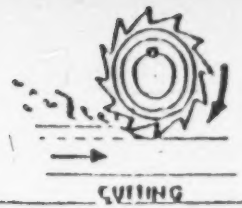
### NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| APR 1986 | 118.40 | 17.85 | 136.25 | 51.05 | 6.15 | 57.20 | 169.45 | 24.00 | 193.45 |
| MAR 1986 | 146.05 | 13.85 | 159.90 | 50.75 | 3.95 | 54.70 | 196.80 | 17.80 | 214.60 |
| % CHANGE | | | | | | | | | |
| APR 1986:MAR 1986 | -18.9 | +28.9 | -14.8 | +0.6 | +55.7 | +4.6 | -13.9 | +34.8 | -9.9 |
| APR 1985 | 112.85 | 9.25 | 122.10 | 57.30 | 4.10 | 61.40 | 170.15 | 13.35 | 183.50 |
| % CHANGE | | | | | | | | | |
| APR 1986:APR 1985 | +4.9 | +93.0 | +11.6 | -10.9 | +50.0 | -6.8 | -0.4 | +79.8 | +5.4 |
| YEAR TO DATE 1986 | 549.85 | 49.90 | 599.75 | 189.60 | 19.85 | 209.45 | 739.45 | 69.75 | 809.20 |
| YEAR TO DATE 1985 | 588.35 | 62.25 | 650.60 | 245.05 | 16.10 | 261.15 | 833.40 | 78.35 | 911.75 |
| % CHANGE | | | | | | | | | |
| 1986 : 1985 | -6.5 | -19.8 | -7.8 | -22.6 | +23.3 | -19.8 | -11.3 | -11.0 | -11.2 |

### SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| APR 1986 | 140.85 | 12.05 | 152.90 | 50.50 | 6.70 | 57.20 | 191.35 | 18.75 | 210.10 |
| MAR 1986 | 148.20 | 23.35 | 171.55 | 71.10 | 6.15 | 77.25 | 219.30 | 29.50 | 248.80 |
| % CHANGE | | | | | | | | | |
| APR 1986:MAR 1986 | -5.0 | -48.4 | -10.9 | -29.0 | +8.9 | -26.0 | -12.7 | -36.4 | -15.6 |
| APR 1985 | 98.15 | 5.00 | 103.15 | 63.65 | 2.95 | 66.60 | 161.80 | 7.95 | 169.75 |
| % CHANGE | | | | | | | | | |
| APR 1986:APR 1985 | +43.5 | +141.0 | +48.2 | -20.7 | +127.1 | -14.1 | +18.3 | +135.8 | +23.8 |
| YEAR TO DATE 1986 | 472.60 | 67.25 | 539.85 | 248.55 | 19.00 | 267.55 | 721.15 | 86.25 | 807.40 |
| YEAR TO DATE 1985 | 418.05 | 42.15 | 460.20 | 226.50 | 14.75 | 241.25 | 644.55 | 56.90 | 701.45 |
| % CHANGE | | | | | | | | | |
| 1986 : 1985 | +13.0 | +59.5 | +17.3 | +9.7 | +28.8 | +10.9 | +11.9 | +51.6 | +15.1 |

Source: National Machine Tool Builders' Association



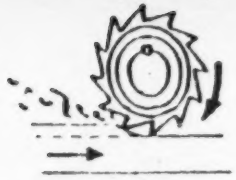

# TOTAL INDUSTRY ESTIMATE
## MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1985 | $ 2,262.15 | $ 265.95 | $ 2,528.10 | 1,657.55 | $ 2,291.45 | $ 253.75 | $ 2,545.20 |
| 1986 | | | | | | | |
| JAN | $ 174.95 | $ 15.80 | $ 190.75 | 1,702.45 | $ 124.85 | $ 21.00 | $ 145.85 |
| FEB | $ 198.25 | $ 12.15 | $ 210.40 | 1,710.20 | $ 185.65 | $ 17.00 | $ 202.65 |
| MAR | $ 196.80 | $ 17.80 | $ 214.60 | 1,676.00 | $ 219.30 | $ 29.50 | $ 248.80 |
| APR (P) | $ 169.45 | $ 24.00 | $ 193.45 | 1,659.35 | $ 191.35 | $ 18.75 | $ 210.10 |
| 4 MONTHS | $ 739.45 | $ 69.75 | $ 809.20 | | $ 721.15 | $ 86.25 | $ 807.40 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1985 | $ 2,433.30 | $ 282.65 | $ 2,715.95 | $ 171.15 | $ 16.70 | $ 187.85 |
| 1986 | | | | | | |
| JAN | $ 180.65 | $ 17.20 | $ 197.85 | $ 5.70 | $ 1.40 | $ 7.10 |
| FEB | $ 214.85 | $ 14.65 | $ 229.50 | $ 16.60 | $ 2.50 | $ 19.10 |
| MAR | $ 203.35 | $ 18.40 | $ 221.75 | $ 6.55 | $ .60 | $ 7.15 |
| APR (P) | $ 181.30 | $ 24.45 | $ 205.75 | $ 11.85 | $ .45 | $ 12.30 |
| 4 MONTHS | $ 780.15 | $ 74.70 | $ 854.85 | $ 40.70 | $ 4.95 | $ 45.65 |

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.




# INDUSTRY ESTIMATE
## METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1985 | $ 1,652.15 | $ 200.95 | $ 1,853.10 | 1,243.30 | $ 1,548.50 | $ 193.75 | $ 1,742.25 |
| 1986 | | | | | | | |
| JAN | $ 124.75 | $ 10.25 | $ 135.00 | 1,286.80 | $ 74.05 | $ 17.45 | $ 91.50 |
| FEB | $ 160.65 | $ 7.95 | $ 168.60 | 1,331.50 | $ 109.50 | $ 14.40 | $ 123.90 |
| MAR | $ 146.05 | $ 13.85 | $ 159.90 | 1,319.85 | $ 148.20 | $ 23.35 | $ 171.55 |
| APR (P) | $ 118.40 | $ 17.85 | $ 136.25 | 1,303.20 | $ 140.85 | $ 12.05 | $ 152.90 |
| 4 MONTHS | $ 549.85 | $ 49.90 | $ 599.75 | | $ 472.60 | $ 67.25 | $ 539.85 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1985 | $ 1,769.20 | $ 213.45 | $ 1,982.65 | $ 117.05 | $ 12.50 | $ 129.55 |
| 1986 | | | | | | |
| JAN | $ 129.30 | $ 11.45 | $ 140.75 | $ 4.55 | $ 1.20 | $ 5.75 |
| FEB | $ 165.70 | $ 9.95 | $ 175.65 | $ 5.05 | $ 2.00 | $ 7.05 |
| MAR | $ 150.55 | $ 14.30 | $ 164.85 | $ 4.50 | $ .45 | $ 4.95 |
| APR (P) | $ 127.50 | $ 18.25 | $ 145.75 | $ 9.10 | $ .40 | $ 9.50 |
| 4 MONTHS | $ 573.05 | $ 53.95 | $ 627.00 | $ 23.20 | $ 4.05 | $ 27.25 |

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.